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K Museth, DE Breen, RT Whitaker, AH Barr - ACM Transactions on Graphics, 2002 -

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... operation, points on the **zero level set (iso-surface)** of the ... from the source have the correct **shortest path distance**. ... the labeled vertex with minimum **distance**. ...

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DE Breen, RT Whitaker - Visualization and Computer Graphics, IEEE Transactions on, 2001 -
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... deformable surface as a **level set (iso-surface)** of a ... **distance transform**), where the **shortest distance** to the ... proportional to the signed **distance transform** of ...

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[3 D Metamorphosis Between Different Types of Geometric Models - all 10 versions »](#)

DE Breen, S Mauch, RT Whitaker, J Mao - Computer Graphics Forum, 2001 - Blackwell Synergy

... IR 3 that com- poses the k th **isosurface** of ... 23 The **distance** volume is generated in a two step ... The rst step calculates the **shortest dis-** tanceto the CSG modelat ...

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K Museth, DE Breen, RT Whitaker, S Mauch, D ... - Computer Graphics Forum, 2005 - Blackwell Synergy

... **set** where each voxel stores the **shortest distance** to the ... are only interested in one **level set (iso-surface)** embedded in the volume, **distance** information is ...

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[USE OF THE PARTICLE LEVEL SET METHOD FOR ENHANCED RESOLUTION OF FREE SURFACE FLOWS](#)

DP Enright - 2002 - [math.ucla.edu](#)

... If ϕ is a signed **distance** function, then the diffusion ... Our method randomly places a **set** of marker particles near the interface (defined by the **zero level** ...

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[Deformable model with adaptive mesh and automated topology changes - all 7 versions »](#)

JO Lachaud, B Taton - 3-D Digital Imaging and Modeling, 2003. 3DIM 2003. ..., 2003 -
[ieeexplore.ieee.org](#)

... only in **narrow band** around the **zero level** of [1 ... where $\|\cdot\|$ denotes the Euclidean **distance** between \cdot ... the length of the longest and **shortest** edges allowed for ...

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[White matter tractography by anisotropic wavefront evolution and diffusion tensors imaging - all 3 versions »](#)

M Jackowski, CY Kao, M Qiu, RT Constable, LH Staib - Medical Image Analysis, 2005 -
[biomagesuite.org](#)

... pro- vides a continuous solution to the **shortest-path** problem by ... 0, at a speed governed by the **distance** from the ... time of arrival are assigned to **zero** (Step 1). ...

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EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S26	47	((level near set) with (surface)) same (deformat\$4 or deform\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44
S27	29	((level near set) with (model or polygon\$4 or mesh or lattice)) same (deformat\$4 or deform\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44
S28	1069	(345/420).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/06/26 17:43
S29	2893	(345/419).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/06/26 17:43
S30	0	S26 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:43
S31	1	S27 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:43
S32	3	S26 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44
S33	1	S27 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44
S34	53	((level near set) same (model or polygon\$4 or mesh or lattice)) same (deformat\$4 or deform\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44
S37	113	((level near set) same (surface)) same (deformat\$4 or deform\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:44

EAST Search History

S38	42	S34 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S39	98	S37 not S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S40	1	S38 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S41	1	S38 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S42	0	S39 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S43	2	S39 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S44	3	((speed with function) same ((region\$4 with constraint) or (filter near function))) and (level with set) and (polygon or mesh or primitive or nurb or "csg" or (solid near model\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:45
S45	1	((KEN) near2 (MUSETH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 17:46
S46	4	((DAVID) near2 (BREEN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 17:46
S47	0	S44 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:46
S48	0	S44 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/26 17:46
S50	1	((reset\$4 or updat\$4 or refresh\$4 or reload\$4) with (volum\$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface\$4 or (iso near surfac\$4)) same (short\$4 with distanc\$4) same ((zero or "0") same narrow same band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:27

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S51	1	((reset\$4 or updat\$4 or refresh\$4 or reload\$4) with (volum\$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface\$4 or (iso near surfac\$4)) same (short\$4 with distanc\$4) same ((zero or "0") same ("level set" or (level near set)) same narrow same band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:26
S52	1	((reset\$4 or updat\$4 or refresh\$4 or reload\$4) same (volum\$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface\$4 or (iso near surfac\$4)) same (short\$4 with distanc\$4) same ((zero or "0") same narrow same band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:28
S53	1071	(345/420).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/06/28 10:27
S54	0	S50 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:27
S55	0	S51 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:27
S56	0	S52 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:27
S57	1	((reset\$4 or updat\$4 or refresh\$4 or reload\$4) same (volum\$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface\$4 or (iso near surfac\$4)) same (short\$4 with distanc\$4) same (narrow same band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:28
S60	20	((reset\$4 or updat\$4 or refresh\$4 or reload\$4) same (volum\$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface\$4 or (iso near surfac\$4)) same (distanc\$4) same (narrow same band)) and ("level set" or (level near set))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:29
S61	1	((reset\$4 or updat\$4 or refresh\$4 or reload\$4) same (volum\$4 or representation or model or mesh or "level set" or (level near set))) and ((isosurface\$4 or (iso near surfac\$4)) same ((small\$4 or short\$4) with distanc\$4) same (narrow same band)) and ("level set" or (level near set))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:29